

With this entry I wanted to illustrate how some of the basic needs of the lunar colonists would be met. The greenhouse would supply food and oxygen, while the solar panels would power the colony's energy needs. Special glass would need to be created to prevent damage from solar radiation and space debris. These installments would need to be placed high on a plateau in the polar regions, for the favorable lighting conditions, as these high polar areas receive long periods of sunlight, perfect for crop growth and solar energy needs. Due to the angle of the sun they also have low shaded craters; potential spots for ice, and in turn, a water supply. These spots in the polar region of the moon are the most feasible places for lunar colonization, and I wanted to illustrate how a colony there might look. This artwork was created entirely by me, except for the earth image in the background, which is a copyright-free image from the NASA library that can be freely used and distributed. I used Blender, a 3D program for the majority of the work on this entry.

Image Page: <http://grin.hq.nasa.gov/ABSTRACTS/GPN-2000-001138.html>

Copyright Information: <http://grin.hq.nasa.gov/copyright.html>

Asa Schultz